

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
14 July 2005 (14.07.2005)

PCT

(10) International Publication Number  
**WO 2005/062791 A2**

(51) International Patent Classification: Not classified

(21) International Application Number:  
PCT/US2004/042421

(22) International Filing Date:  
17 December 2004 (17.12.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:  
60/531,802 20 December 2003 (20.12.2003) US

(71) Applicants and

(72) Inventors: SEBASTIAN, Jeffrey [US/US]; 205 South  
Thurston Avenue, Los Angeles, CA 90049 (US). SEBAS-  
TIAN, Quynh [US/US]; 205 South Thurston Avenue, Los  
Angeles, CA 90049 (US).

(74) Agents: FULLER, Susan, B. et al.; Burns Doane  
Swecker & Mathis LLP, 402 West Broadway, Suite 400,  
San Diego, CA 92101 (US).

(81) Designated States (*unless otherwise indicated, for every  
kind of national protection available*): AE, AG, AL, AM,  
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,  
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,  
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,  
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,  
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,  
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,  
TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM,  
ZW.

(84) Designated States (*unless otherwise indicated, for every  
kind of regional protection available*): ARIPO (BW, GH,  
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,  
ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),  
European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,  
FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO,  
SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN,  
GQ, GW, ML, MR, NE, SN, TD, TG).

**Published:**

— *without international search report and to be republished  
upon receipt of that report*

*For two-letter codes and other abbreviations, refer to the "Guid-  
ance Notes on Codes and Abbreviations" appearing at the begin-  
ning of each regular issue of the PCT Gazette.*

(54) Title: UTILIZATION OF STEM CELL AND FIBROBLAST COMBINED PRODUCTS AND NUTRIENTS IN TOPICAL COMPOSITIONS

(57) Abstract: The present invention relates generally to cellular products and nutrients, and their use in the field of cosmetics. More specifically, it relates to a formulation containing stem cell and fibroblast combined products and nutrients for use in a topical composition. Such compositions generally also include a delivery vehicle adapted for topical administration, and may include a variety of other ingredients commonly found in skin care products. The products may be in the form of powders, creams, gels, etc.

WO 2005/062791 A2